



TFW 2616

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of  
KIRBY<sup>K</sup>

Serial No. 10/549,853

Filed: September 23, 2005

Atty. Ref.: 36-1942

TC/A.U.: Unknown

Examiner:

For: MATCHED FILTERING

\* \* \* \* \*

May 3, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

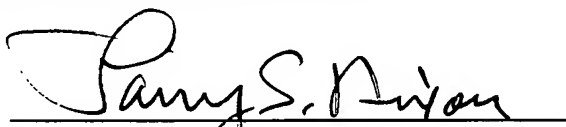
Attention is directed to the attached International Search Report in a counterpart of this application and to a copy of each non-US patent document newly cited therein together with additional documents. A Form PTO-1449 is also attached.

Official consideration and citation of all identified documents is requested.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

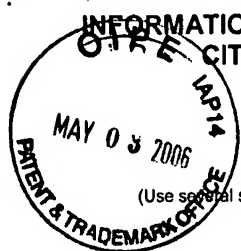
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Sheet 1 of 1



ATTY. DOCKET NO.

SERIAL NO.

36-1942

10/549,853

APPLICANT

KIRBY

FILING DATE

TC/A.U.

September 23, 2005

Unknown

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6312384 B1	11/2001	Chiao			
	4706263	11/1987	von der Embse			
	4025772	05/1977	Constant			
	3987285	10/1976	Perry			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
8272473 A	10/1996	Japan			X
WO 00/54424	09/2000	WIPO			
0379609	08/1990	Europe			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Cheng, "Visualization, Measurement, and Interpolation of Head-Related Transfer Functions (HRTF'S) with Applications in Electro-Acoustic Music", A dissertation submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy, 2001
	International Search Report dated September 9, 2005
	Stockham, "High-Speed Convolution and Correlation", AFIPS conference proceedings, Vol. 28, 1966, pages 229-233, XP001079087
	Popovic, "Efficient Golay Correlator", ELECTRONICS LETTERS, IEE STEVENAGE, GB, Vol. 35, No. 7, 19 August 1999, pages 1417-1428
	Golay, "Complementary Series", IRE TRANSACTIONS ON INFORMATION THEORY, IEEE INC. NEW YORK, US., Vol. 7, April 1961, pages 82-87
	Budisin, "Efficient Pulse Compressor for Golay Complementary Sequences", ELECTRONICS LETTERS, IEE STEVENAGE, GB, Vol. 27, No. 3, January 1991, pages 219-220
	Braun, "On Higher Order Autocorrelation Properties of Golay Complementary Sequences", ISIT 1997, Ulm, Germany, June 29 - July 4, 1997
	Braun, "Dipulse-response Measurement of a Magnetic Recording Channel Using Golay Complementary Sequences", IEEE TRANSACTIONS ON MAGNETICS, Vol. 34, NO. 1, January 1998, pages 309-316

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.